

KINGS CANYON NATIONAL PARK

PUBLIC USE REPORTING AND COUNTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by **Kings Canyon National Park**. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Statistical Office to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding area on the 10-157 Monthly Public Use Report.

Recreation Visits

1. An inductive loop traffic counter is installed on the northbound lane of Grant Grove Road at the Big Stump entrance. The traffic count is reduced for Non-recreation vehicles (actual count), Non-reportable vehicles (actual count), vehicles entering the Forest Service land (actual count), and buses. The reduced traffic count is multiplied by the PPV multiplier of 3.18.
2. The number of bus visitors.

Non-recreation Visits

The actual count of Non-recreation visits entering the park as recorded by the entrance station personnel.

Recreation Visitor Hours

The total recreation visits are multiplied by the length-of-stay multiplier in Table 1.

Non-recreation Visitor Hours

The number of Non-recreation visits is multiplied by 4 hours per visit.

Overnight Stays

Concessionaire Lodging - Grant Grove Lodge, Cedar Grove Lodge

September 22, 1992

The actual number of visitors staying overnight as reported by the concessionaire.

NPS Campgrounds - Azalea, Canyon View, Crystal Springs, Moraine, Sentinel, Sheep Creek, Sunset

The number of tent and RV sites occupied is multiplied by the persons-per-site multiplier of 3.18.

NPS Backcountry

The number of visitors getting permits is multiplied by the conversion factor in Table 2 to estimate the number of backcountry campers.

NPS Miscellaneous - Canyon View and Sunset Group Campgrounds

The number of group campers staying overnight in group campgrounds.

Special Use Data

Line a. Forest Access vehicles

Line b. Visitors to Big Stump

Line c. Visitors to Cedar Grove

Line d. Number of backcountry campers

Line n. The number of tour buses

Table 1.
Average Length-of-Stay Multipliers* by Month

MONTHS	MULTIPLIERS
JANUARY	4.8 HOURS
FEBRUARY	4.8 HOURS
MARCH	4 . 8 H O U R S
APRIL	36.4 HOURS
MAY	36.4 HOURS
JUNE	36.9 HOURS
JULY	36.9 HOURS
AUGUST	36.4 HOURS
SEPTEMBER	36.4 HOURS
OCTOBER	36.4 HOURS
NOVEMBER	36.4 HOURS
DECEMBER	4.8 HOURS

*Source 1968 Survey

Table 2.

Estimated # of Backcountry Overnight Stays by Permits Issued at Kings Canyon NP

MONTH	AVG. OF PERSONS-PER-PERMIT	AVG. # OF NIGHTS STAYED PER PERSON	% OF TOTAL USE FOR KINGS CANYON NP	COMPUTER FACTOR FOR KINGS CANYON NP
JANUARY	3.04	1.96	0.06	0.358
FEBRUARY	2.91	3.24	0.05	0.471
MARCH	3.12	2.81	0.08	0.701
APRIL	2.73	3.11	0.10	0.849
MAY	3.66	3.59	0.47	6.176
JUNE	3.54	5.07	0.46	8.256
JULY	3.57	4.55	0.54	8.771
AUGUST	3.71	5.02	0.45	8.381
SEPTEMBER	2.81	4.14	0.55	6.398
OCTOBER	3.06	2.78	0.38	3.233
NOVEMBER	2.78	2.57	0.35	2.501
DECEMBER	2.45	2.74	0.09	0.604